

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: : Confirmation No.: 1176
Gary K. Robinson *et al.* :
Application No.: 10/577,119 : Group Art Unit: 1645
Filed: April 13, 2007 :
For: PROTEINS INVOLVED IN SIGNAL : Examiner:
TRANSDUCTION : Virginia Allen Portner
X

FILED ELECTRONICALLY ON USPTO EFS-WEB ON MAY 20, 2010 BY OLGA I. AYALA
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Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

**AMENDMENT AND RESPONSE TO NON-FINAL OFFICE ACTION
UNDER 37 C.F.R. § 1.111**

Sir/Madam:

In response to the Office Action dated February 24, 2009 (the "Office Action"), Applicants have amended the claims and specification. Entry of this amendment and consideration of the amended claims in view of the remarks are earnestly solicited.

Amendment to the Specification begins on page 2.

Amendment to the Claims begins on page 4.

Remarks begin on page 7.